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Attorney Docket: ABBLUM/266/US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Charles Sumner

Application No.:

10/716,232

Examiner:

Not yet assigned

Filing Date:

11/18/03

Group Art Unit:

1764

For:

Production Of Propylene From Steam Cracking Of Hydrocarbons, Particularly

Ethane

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## **Information Disclosure Statement**

Applicant submits herewith patents, publications or other information of which they are aware and which they believe may be material to the examination of the above-identified application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(b) exists.

I hereby certify that this correspondence is being deposited on the date below with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450."

Signature:

Diane F. Covello, Registration No. 34,164

Date: 10-18-05

Attorney Docket: ABBLUM/266/US

For US national applications filed after June 30, 2003 and International applications

that have entered the national stage after June 30, 2003 a copy of a cited US patent or

cited US patent publication is NOT required. See OG Notices: 5 August 2003.

Accordingly, no copies of a cited US patent or cited US patent publication are enclosed for

these applications. A copy of each item other than a US patent or a US patent publication

listed on the attached INFORMATION DISCLOSURE CITATION IN AN APPLICATION is

enclosed.

Respectfully submitted,

Charles Sumner

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OTPE 18035

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

mailed on:

Application No. 10/716,232

Inventor Charles Sumner

Title

Production Of Propylene From Steam Cracking Of

Hydrocarbons, Particularly Ethane

Filing Date 11/18/03

Group Art Unit 1764 Docket No. ABBLUM/266/US

## **UNITED STATES PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Name		Class
	5,162,595	11-10-92	Wu et al		
	4,458,096	07-03-84	Phillips et al		
		FOREIGN	N PATENT	DOCUMENTS	
Examiner Initial	Document No.	Date	Country	Name	Translation
	EP 0 421 701 A	04-10-91	Europe	Arco Chemical Technology Inc.	
	OTHER D	OCUMENT	「S (Including )	Author, Title, Date, Pertinent Pages, Etc.)	
Examiner Initial					
	1) PCT International Search Report for PCT/US2004/038213				
	2) PCT Written Opinion of the International Searching Authority for PCT/US2004/038213				
	3) Hydrocarbon Processing, March 2003, pages 70-126, XP-002322126				
Examiner			Date Consi	dered	

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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